

**SOUTH COAST MARINE PROTECTED AREAS PROJECT  
FINAL ENVIRONMENTAL IMPACT REPORT**

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**APPENDIX D  
IMPAIRED RIVERS AND WATER BODIES**



## SOUTH COAST MARINE PROTECTED AREAS PROJECT FINAL ENVIRONMENTAL IMPACT REPORT

In this appendix, impaired water bodies and impaired streams and rivers are listed by Water Quality Control Board region.

**TABLE D-1  
IMPAIRED WATER BODIES IN RWQCB REGION 3 (CENTRAL COAST)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Arroyo Burro Creek	Pathogens	NPS, Natural	2015	Impaired Water Bodies/Rivers <sup>1</sup>
Arroyo Paredon	B, NO <sub>3</sub> , Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Carpinteria Creek	Pathogens	Agri., Land Disposal, Septage Disposal	2015	Impaired Water Bodies/Rivers <sup>1</sup>
Cholame Creek	B, F. Coliform	Unknown, Agri., Natural, NPS, Grazing-Riparian and/or Upland	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Franklin Creek	NO <sub>3</sub>	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mission Creek	Pathogens, U. Tox.	Transient encampments, Natural	2015	Impaired Water Bodies/Rivers <sup>1</sup>
Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	T. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	F. Coliform, T. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	F. Coliform, T. Coliform	Agri., Natural, NPS, UNPS	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	T. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Gaviota Beach (mouth of Canada de la Gaviota Creek, Santa Barbara County)	T. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Goleta Beach (Santa Barbara County)	F. Coliform	Unknown	2019	Impaired Beaches <sup>1</sup>
Pacific Ocean at Hammonds Beach (Santa Barbara County)	F. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	F. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>

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**TABLE D-1 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 3 (CENTRAL COAST)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Pacific Ocean at Jalama Beach (Santa Barbara County)	F. Coliform, T. Coliform	Agri., Natural, NPS, Grazing-Riparian	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Leadbetter Beach (Santa Barbara County)	F. Coliform	Unknown	2019	Impaired Beaches, human impact only <sup>2</sup>
Pacific Ocean at Ocean Beach (Santa Barbara County)	F. Coliform, T. Coliform	Unknown	2015	Impaired Beaches <sup>1</sup>
Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	F. Coliform, T. Coliform	Unknown	2015	Impaired Coastlines, human impact only <sup>2</sup>
Pacific Ocean at Refugio Beach (Santa Barbara County)	T. Coliform	Unknown	2015	Impaired Beaches
Pacific Ocean at Rio Del Mar (Santa Cruz County)	F. Coliform	Unknown	2019	Impaired Coastlines, human impact only <sup>2</sup>
Rincon Creek	B, Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

Source: State Water Resources Control Board, 2006.

Note: Ag= Silver, Agri.= Agriculture, B= Boron, Benthic= Benthic Community Effects, Cd= Cadmium, Cl= Chloride, Coliform= Coliform bacteria, Cu= Copper, DO= Dissolved Oxygen, DDT= Dichloro-Diphenyl-Trichloroethane, F. Coliform= Fecal Coliform, Fe= Iron, Hg= Mercury, Mn= Manganese, N= Nitrogen, Natural= Natural Source, NH3= Ammonia, Ni= Nickel, NPS= Nonpoint Source, PAHs= Polycyclic Aromatic Hydrocarbons, Pb= Lead, PCB= Polychlorinated biphenyls, Ph= Phosphorus, PS= Point Source, sed.= sed., Sed/Silt= Sedimentation/Siltation, T. Coliform= Total Coliform, TDS= Total dissolved solids, tis.= tissue, Unknown= Unknown Source, UNPS= Unknown Nonpoint Source, UPS= Unknown Point Source, Zn= Zinc

<sup>1</sup> Contains any 303(d) listed pollutant, but must not be limited to those associated with human health concerns.

<sup>2</sup> Contains only 303(d) listed pollutants known to affect humans through recreational contact. These impairments include pathogens and other bacterial strains.

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**TABLE D-2  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Abalone Cove Beach	DDT (sed.), PCBs	NPS	2019	Impaired Beaches, human impact only <sup>2</sup>
Alamitos Bay	F. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Aliso Canyon Wash	Cu, F. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Amarillo Beach	DDT, PCBs	NPS	2019	Impaired Beaches, human impact only <sup>2</sup>
Arroyo Seco Reach 1 (LA River to West Holly Ave.)	Coliform, Trash	NPS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Arroyo Seco Reach 2 (Figueroa St. to Riverside Dr.)	Coliform, Trash	NPS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Avalon Beach	F. Coliform	NPS/PS	2019	Impaired Beaches, human impact only <sup>2</sup>
Ballona Creek	Cd (sed.), Cyanide, Ag (sed.)	NPS/PS, Unknown	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Ballona Creek Estuary	Shellfish Harvesting Advisory	NPS/PS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Ballona Creek Wetlands	Exotic Vegetation, Habitat alterations, Hydromodification, Tidal Flushing	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Bell Creek	Coliform	NPS/PS	2009	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Big Rock Beach	DDT, PCBs	NPS	2019	Impaired Beaches, human impact only <sup>2</sup>
Bluff Cove Beach	DDT, PCBs	NPS	2019	Impaired Beaches
Brown Barranca/Long Canyon	Nitrate and Nitrite	NPS	2003	Impaired Water Bodies/Rivers <sup>1</sup>
Burbank Western Channel	Cyanide, Trash	Unknown, NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Cabrillo Beach (Outer)	DDT, PCBs	NPS	2019	Impaired Beaches, human impact only <sup>2</sup>
Calleguas Creek Reach 1 (was Mugu Lagoon on 1998 303(d) list)	Endosulfan (tis.)	NPS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 2 (estuary to Potrero Rd was Calleguas Creek Reaches 1 and 2 on 1998 303d list)	ChemA (tis.), Endosulfan (tis.), F. Coliform, Sed/Silt	NPS/PS, Agri., Natural	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 3 (Potrero Road upstream to confluence with Conejo Creek on 1998 303d list)	Cl-, Sed/Silt, TDS	NPS/PS, Agri., Natural	2002	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 4 (was Revolon Slough Main Branch: Mugu Lagoon to Central Avenue on 1998 303d list)	B, ChemA (tis.), Endosulfan (tis. & sed.), F. Coliform, Sed/Silt, Sulfates, TDS, Trash	NPS/PS, Agri., Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 5 (was Beardsley Channel on 1998 303d list)	ChemA (tis.), Dacthal (sed.), Endosulfan (tis. & sed.), Sed/Silt, Trash	NPS, Agri., Natural	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 6 (was Arroyo Las Posas Reaches 1 and 2 on 1998 303d list)	Cl-, F. Coliform, Sed/Silt, Sulfates, TDS	NPS/PS, Agri., Natural	2002	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 7 (was Arroyo Simi Reaches 1 and 2 on 1998 303d list)	B, Cl-, F. Coliform, Sed/Silt, Sulfates, TDS	NPS, Agri., Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Calleguas Creek Reach 8 (was Tapo Canyon Reach 1)	B, Cl-, Sed/Silt, Sulfates, TDS	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 9A (was lower part of Conejo Creek Reach 1 on 1998 303d list)	ChemA (tis.), Endosulfan (tis.), F. Coliform, HCH (tis.), Sulfates, TDS	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 9B (was part of Conejo Creek Reaches 1 and 2 on 1998 303d list)	ChemA (tis.), Cl-, Endosulfan (tis.), F. Coliform, Sulfates, TDS	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 10 (Conejo Creek (Hill Canyon) was part of Conejo Crk Reaches 2 & 3, and lower Conejo Crk/Arroyo Conejo N Fk on 1998 303d list)	ChemA (tis.), Cl-, Endosulfan (tis.), F. Coliform, Sulfates, TDS	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 11 (Arroyo Santa Rosa, was part of Conejo Creek Reach 3 on 1998 303d list)	ChemA (tis.), Endosulfan (tis.), F. Coliform, Sed/Silt, Sulfates, TDS	NPS/PS, Agri., Natural	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 12 (was Conejo Creek/Arroyo Conejo North Fork on 1998 303d list)	Sulfates, TDS	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Calleguas Creek Reach 13 (Conejo Creek South Fork, was Conejo Cr Reach 4 and part of Reach 3 on 1998 303d list)	ChemA (tis.), Cl-, Endosulfan (tis.), Sulfates, TDS	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Canada Larga (Ventura River Watershed)	F. Coliform, Low DO	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Carbon Beach	DDT, PCBs	NPS	2019	Impaired Beaches
Castlerock Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Channel Islands Harbor	Pb (sed.), Zn (sed.)	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Channel Islands Harbor Beach	F. Coliform	NPS/PS	2019	Impaired Coastlines, human impact only <sup>2</sup>

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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Colorado Lagoon	Chlordane (tis. & sed.), DDT (tis.), Dieldrin (tis.), F. Coliform, Pb (sed.), PAHs(sed.), PCBs (tis.), Sed. Toxicity, Zn (sed.)	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Compton Creek	Coliform, Trash	NPS/PS, Unknown	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Coyote Creek	Coliform, Cu, Dissolved, Diazinon, Pb, pH, Toxicity, Zn	NPS/PS, Unknown, PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Crystal Lake	Organic Enrichment/Low DO	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Dominguez Channel (lined portion above Vermont Ave)	NH <sub>3</sub> , Cu, Dieldrin (tis.), F. Coliform, Pb (tis.), Sed. Toxicity, Zn (sed.)	NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Dominguez Channel Estuary (unlined portion below Vermont Ave)	NH <sub>3</sub> , Benthic, Benzo(a)pyrene (PAHs), Benzo[a]anthracene, Chlordane (tis.), Chrysene (C1-C4), Coliform, DDT (tis. & sed.), Dieldrin (tis.), Pb (tis.), PCBs, Phenanthrene, Pyrene, Zn (sed.)	NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Dry Canyon Creek	F. Coliform, F. Coliform	Natural	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Echo Park Lake	Algae, NH <sub>3</sub> , Cu, Eutrophic, Pb, Odor, PCBs (tis.), pH, Trash	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
El Dorado Lakes	Algae, NH <sub>3</sub> , Cu, Eutrophic, Pb, Hg (tis.), pH	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Elizabeth Lake	Eutrophic, Organic Enrichment/Low DO, pH, Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Escondido Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Flat Rock Point Beach Area	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>



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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Fox Barranca (tributary to Calleguas Creek Reach 6)	B, Sulfates, TDS	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Hobie Beach (Channel Islands Harbor)	F. Coliform	NPS/PS	2019	Impaired Beaches <sup>1</sup>
Hopper Creek	Sulfates, TDS	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Inspiration Point Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
La Costa Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Lake Calabasas	NH <sub>3</sub> , DDT (tis.), Eutrophic, Odor, Organic Enrichment/Low DO, pH	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Lake Hughes	Algae, Eutrophic, Fish Kills, Odor, Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Lake Lindero	Algae, Cl-, Eutrophic, Odor, Selenium, Specific Conductivity, Trash	NPS, Unknown	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Lake Sherwood	Algae, NH <sub>3</sub> , Eutrophic, Hg (tis.), Organic Enrichment/Low DO	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Las Flores Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Las Tunas Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Las Virgenes Creek	Algae, Organic Enrichment/Low DO, Scum/Foam-unnatural, Sed/Silt, Selenium, Trash	NPS, Unknown	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Legg Lake	NH <sub>3</sub> , Cu, Pb, Odor, pH, Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Lincoln Park Lake	NH <sub>3</sub> , Eutrophic, Pb, Odor, Organic Enrichment/Low DO, Trash	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Lindero Creek Reach 1	Algae, Scum/Foam-unnatural, Selenium, Trash	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Lindero Creek Reach 2 (Above Lake)	Algae, Scum/Foam-unnatural, Selenium, Trash	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Long Beach City Beach	F. Coliform	Unknown	2019	Impaired Beaches <sup>1</sup>
Long Point Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Los Angeles Harbor – Cabrillo Marina	DDT, PCBs	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Los Angeles Harbor – Consolidated Slip	2-Methylnaphthalene, Benthic, Benzo(a)pyrene (PAHs), Benzo[a]anthracene, Cd (sed.), Chlordane (tis. & sed.), Chromium (sed.), Chrysene (C1-C4), Cu (sed.), DDT (tis. & sed.), Dieldrin, Pb (sed.), Hg (sed.), PCBs (tis. & sed.), Phenanthrene, Pyrene, Sed. Toxicity, Toxaphene (tis.), Zn (sed.)	Unknown, NPS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
Los Angeles Harbor – Fish Harbor	Benzo(a)pyrene (PAHs), Benzo[a]anthracene, Chlordane, Chrysene (C1-C4), Cu, DDT, Dibenz[a,h]anthracene, Pb, Hg, PAHs, PCBs, Phenanthrene, Pyrene, Sed. Toxicity, Zn	Unknown, NPS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
Los Angeles Harbor – Inner Cabrillo Beach Area	Cu, DDT, PCBs	Unknown, NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
LA River Estuary (Queensway Bay)	Chlordane (sed.), DDT (sed.), Pb (sed.), PCBs (sed.), Sed. Toxicity, Trash, Zn (sed.)	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
LA River Reach 1 (Estuary to Carson Street)	Coliform, Cyanide, Diazinon, Trash	NPS/PS, Unknown	2009	Impaired Water Bodies/Rivers <sup>1</sup>
LA Reach 2 (Carson – Figueroa)	Coliform, Oil, Trash	NPS/PS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
LA River Reach 3 (Figueroa St. – Riverside Dr.)	Trash	Unknown	2007	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
LA River Reach 4 (Sepulveda Dr. to Sepulveda Dam)	Coliform, Trash	NPS/PS, Unknown	2009	Impaired Water Bodies/Rivers <sup>1</sup>
LA River Reach 5 (within Sepulveda Basin)	Oil, Trash	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
LA River Reach 6 (above Sepulveda Flood Control Basin)	1,1-Dichloroethane (1,1-DCE)/Vinylidene Cl-, Coliform, Tetrachloroethylene/PCE, Trichloroethylene/TCE	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Los Angeles/Long Beach Inner Harbor	Beach Closures, Benthic, Cu, DDT, PCBs, Sed. Toxicity, Zn	NPS/PS, Unknown	2004	Impaired Water Bodies/Rivers <sup>1</sup>
Los Angeles/Long Beach Outer Harbor (inside breakwater)	DDT, PCBs, Sed. Toxicity	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Los Cerritos Channel	NH <sub>3</sub> , Bis(2ethylhexyl)phthalate/DEHP, Chlordane (sed.), Coliform, Cu, Pb, Trash, Zn	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Machado Lake (Harbor Park Lake)	Algae, NH <sub>3</sub> , ChemA (tis.), Chlordane (tis.), DDT (tis.), Dieldrin (tis.), Eutrophic, Odor, PCBs (tis.), Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Malaga Cove Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Malibu Lake	Algae, Eutrophic, Organic Enrichment/Low DO	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Malibu Beach	DDT	NPS	2019	Impaired Beaches <sup>1</sup>
Malibu Creek	Fish Barriers (Fish Passage), Algae, Scum/Foam, Sed/Silt, Selenium, Sulfates, Trash	Dam Const., NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Malibu Lagoon	Benthic, Eutrophic, pH, Shellfish Harvesting Advisory, Swimming Restrictions, Viruses (enteric)	NPS/PS, NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Malibu Lagoon Beach (Surfrider)	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Marina del Rey Harbor – Back Basins	DDT (tis.), Dieldrin (tis.)	NPS	2005	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Matilija Creek Reach 1 (Jct. With N. Fork to Reservoir)	Fish Barriers (Fish Passage)	Dam Construction	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Matilija Creek Reach 2 (Above Reservoir)	Fish Barriers (Fish Passage)	Dam Construction	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Matilija Reservoir	Fish Barriers (Fish Passage)	Dam Construction	2019	Impaired Water Bodies/Rivers <sup>1</sup>
McCoy Canyon Creek	F. Coliform, Nitrate, N, Nitrate, N, Nitrate	NPS, Natural, Natural	2009	Impaired Water Bodies/Rivers <sup>1</sup>
McGrath Lake	Chlordane (sed.), DDT (sed.), Dieldrin (sed.), F. Coliform, F. Coliform, F. Coliform, PCBs (sed.), Sed. Toxicity	NPS, Agri., Landfills, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Medea Creek Reach 1 (Lake to Confl. with Lindero)	Algae, Sed/Silt, Selenium, Trash	NPS, Unknown	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Medea Creek Reach 2 (Abv Confl. with Lindero)	Algae, Sed/Silt, Selenium, Trash	NPS, Unknown	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Mint Canyon Creek Reach 1 (Confl to Rowler Cyn)	Nitrate and Nitrite	NPS	2004	Impaired Water Bodies/Rivers <sup>1</sup>
Munz Lake	Eutrophic, Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Nicholas Canyon Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Ormond Beach	F. Coliform	Unknown	2008	Impaired Beaches <sup>1</sup>
Palo Verde Shoreline Park Beach	Pesticides	Unknown	2019	Impaired Beaches <sup>1</sup>
Paradise Cove Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Peck Road Park Lake	Chlordane (tis.), DDT (tis.), Pb, Odor, Organic Enrichment/Low DO, Trash	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Peninsula Beach	F. Coliform	NPS/PS	2003	Impaired Beaches <sup>1</sup>

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**TABLE D-2 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Piru Creek (from gaging station below Santa Felicia Dam to headwaters)	Cl-, pH, pH	Unknown, NPS, Conservation Discharge Releases	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Point Dume Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Point Fermin Park Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Pole Creek (trib to Santa Clara River Reach 3)	Sulfates, TDS	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Port Hueneme Harbor (Back Basins)	DDT (tis.), PCBs (tis.)	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Port Hueneme Pier	PCBs	Unknown	2019	Impaired Coastlines <sup>1</sup>
Portuguese Bend Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Puddingstone Reservoir	Chlordane (tis.), DDT (tis.), Hg (tis.), Organic Enrichment/Low DO, PCBs (tis.)	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Puerco Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Redondo Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Rincon Beach	F. Coliform	NPS/PS	2003	Impaired Beaches <sup>1</sup>
Rio De Santa Clara/Oxnard Drain No. 3	ChemA (tis.), Chlordane (tis.), DDT (tis.), N, PCBs (tis.), Sed. Toxicity, Toxaphene (tis.)	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Rio Hondo Reach 1 (Confl. LA River to Snt Ana Fwy)	Coliform, Trash	NPS/PS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Rio Hondo Reach 2 (At Spreading Grounds)	Coliform	NPS/PS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Robert H. Meyer Memorial Beach	Beach Closures, DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>

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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Royal Palms Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
San Antonio Creek (Tributary to Ventura River Reach 4)	N	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Buenaventura Beach	F. Coliform	Unknown	2008	Impaired Beaches <sup>1</sup>
San Gabriel River Estuary	Cu	Unknown	2007	Impaired Water Bodies/Rivers <sup>1</sup>
San Gabriel River Reach 1 (Estuary to Firestone)	Coliform, pH	NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Gabriel River Reach 2 (Firestone to Whittier Narrows Dam)	Coliform, Pb	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Jose Creek Reach 1 (SG Confluence to Temple St.)	Coliform, Selenium, Toxicity	NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Jose Creek Reach 2 (Temple to I-10 at White Ave.)	Coliform	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Pedro Bay Near/Off Shore Zones	Chlordane, Chromium (sed.), Cu (sed.), DDT (tis. & sed.), PAHs(sed.), PCBs, Sed. Toxicity, Zn (sed.)	Unknown, NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Estuary	ChemA, Coliform, Toxaphene	Unknown, NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Reach 1 (Estuary to Hwy 101 Bridge)	Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Reach 3 (Freeman Diversion to A Street)	TDS	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Reach 5 (Blue Cut gaging station to West Pier Hwy 99 Bridge) (was named Santa Clara River Reach 7 on 2002 303(d) list)	Coliform	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Santa Clara River Reach 6 (W Pier Hwy 99 to Bouquet Cyn Rd) (was named Santa Clara River Reach 8 on 2002 303(d) list)	Chlorpyrifos, Coliform, Diazinon, Toxicity	Unknown, NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Reach 7 (Bouquet Canyon Rd to above Lang Gaging Station) (was named Santa Clara River Reach 9 on 2002 303(d) list)	Coliform	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Clara River Reach 11 (Piru Creek, from confluence with Santa Clara River Reach 4 to gaging station below Santa Felicia Dam)	B, Sulfates	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Fe Dam Park Lake	Cu, Pb, pH	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Monica Bay Offshore/Nearshore	DDT (tis. & sed.), Debris, Fish Consumption Advisory, PCBs (tis. & sed.), Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Monica Canyon	Pb	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sawpit Creek	Bis(2ethylhexyl)phthalate/DEHP, F. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sea Level Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Sepulveda Canyon	NH3	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sespe Creek (from 500 ft below confluence with Little Sespe Cr to headwaters)	Cl-, pH	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Topanga Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Topanga Canyon Creek	Pb	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Torrance Carson Channel	Coliform, Cu, Pb	NPS	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Trancas Beach (Broad Beach)	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Triunfo Canyon Creek Reach 1	Pb, Hg, Sed/Silt	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Triunfo Canyon Creek Reach 2	Pb, Hg, Sed/Silt	NPS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Tujunga Wash (LA River to Hansen Dam)	Coliform, Trash	NPS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Ventura Harbor: Ventura Keys	Coliform	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Ventura Marina Jetties	DDT, PCBs	Unknown	2019	Impaired Coastlines <sup>1</sup>
Ventura River Estuary	Algae, Eutrophic, T. Coliform, Trash	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Ventura River Reach 1 and 2 (Estuary to Weldon Canyon)	Algae	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Ventura River Reach 3 (Weldon Canyon to Confl. w/ Coyote Cr)	Pumping, Water Diversion	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Ventura River Reach 4 (Coyote Creek to Camino Cielo Rd)	Pumping, Water Diversion	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Verdugo Wash Reach 1 (LA River to Verdugo Road)	Coliform, Trash	NPS	2009	Impaired Water Bodies/Rivers <sup>1</sup>
Verdugo Wash Reach 2 (Above Verdugo Road)	Coliform, Trash	NPS	2009	Impaired Water Bodies/Rivers <sup>1</sup>



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**TABLE D-2 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 4 (LOS ANGELES)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Walnut Creek Wash (Drains from Puddingstone Res)	pH, Toxicity	NPS/PS	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Westlake Lake	Algae, NH <sub>3</sub> , Eutrophic, Pb, Organic Enrichment/Low DO	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Wheeler Canyon/Todd Barranca	Sulfates, TDS	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Whites Point Beach	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>
Wilmington Drain	NH <sub>3</sub> , Coliform, Cu, Pb	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Zuma Beach (Westward Beach)	DDT, PCBs	NPS	2019	Impaired Beaches <sup>1</sup>

Source: State Water Resources Control Board, 2006.

Note: Ag= Silver, Agri.= Agriculture, B= Boron, Benthic= Benthic Community Effects, Cd= Cadmium, Cl= Chloride, Coliform= Coliform bacteria, Cu= Copper, DO= Dissolved Oxygen, DDT= Dichloro-Diphenyl-Trichloroethane, F. Coliform= Fecal Coliform, Fe= Iron, Hg= Mercury, Mn= Manganese, N= Nitrogen, Natural= Natural Source, NH<sub>3</sub>= Ammonia, Ni= Nickel, NPS= Nonpoint Source, PAHs= Polycyclic Aromatic Hydrocarbons, Pb= Lead, PCB= Polychlorinated biphenyls, Ph= Phosphorus, PS= Point Source, sed.= sed., Sed/Silt= Sedimentation/Siltation, T. Coliform= Total Coliform, TDS= Total dissolved solids, tis.= tissue, Unknown= Unknown Source, UNPS= Unknown Nonpoint Source, UPS= Unknown Point Source, Zn= Zinc

<sup>1</sup> Contains any 303(d) listed pollutant, but must not be limited to those associated with human health concerns.

<sup>2</sup> Contains only 303(d) listed pollutants known to affect humans through recreational contact. These impairments include pathogens and other bacterial strains.

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**TABLE D-3  
IMPAIRED WATER BODIES IN RWQCB REGION 8 (SANTA ANA)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Anaheim Bay	Dieldrin (tis.), Ni, PCBs (tis.), Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Balboa Beach	DDT, Dieldrin, PCBs	Unknown	2019	Impaired Beaches, human impact only <sup>2</sup>
Big Bear Lake	Cu, Hg, Metals, Noxious aquatic plants, Nutrients, PCBs, Sed/Silt	Construction/Land Development, Resource Extraction, Snow skiing, Unknown, UNPS, UPS	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Bolsa Chica State Beach	Cu, Ni	Unknown	2019	Impaired Beaches, human impact only <sup>2</sup>
Buck Gully Creek	F. Coliform, T. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Canyon Lake (Railroad Canyon Reservoir)	Pathogens	NPS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Chino Creek Reach 1	Nutrients, Nutrients	Agri., Dairies	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Elsinore, Lake	PCBs, U. Tox.	Unknown, UNPS	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Fulmor, Lake	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Grout Creek	Metals, Nutrients	UNPS	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Huntington Beach State Park	Enterococcus, F. Coliform, PCBs	Unknown	2019	Impaired Beaches <sup>1</sup>
Huntington Harbour	Chlordane, Cu, Pb, Ni, Pathogens, PCBs (tis.), Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Knickerbocker Creek	Metals, Pathogens	UNPS	2007	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-3 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 8 (SANTA ANA)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Los Trancos Creek (Crystal Cove Creek)	F. Coliform, T. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Lytle Creek	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mill Creek (Prado Area)	Nutrients, Nutrients, Total Suspended Solids (TSS)	Agri., Dairies	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mill Creek Reach 1	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mill Creek Reach 2	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mountain Home Creek	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mountain Home Creek, East Fk	Pathogens	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Newport Bay, Lower	Chlordane, Cu, DDT, PCBs, Sed. Toxicity	Unknown	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Newport Bay, Upper (Ecological Reserve)	Chlordane, Cu, DDT, Metals, PCBs, Sed. Toxicity	Unknown, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Peters Canyon Channel	DDT, Toxaphene	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Prado Park Lake	Nutrients	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Rathbone (Rathbun) Creek	Nutrients, Sed/Silt	Snow skiing, UNPS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
Rhine Channel	Cu, Pb, Hg, PCBs, Sed. Toxicity, Zn	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-3 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 8 (SANTA ANA)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
San Diego Creek, Reach 1	F. Coliform, Selenium, Toxaphene	Other Urban Runoff, Unknown, Natural	2007	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Creek, Reach 2	Metals	Natural	2007	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Ana River, Reach 4	Pathogens	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santiago Creek, Reach 4	Salinity/TDS/Cl-s	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Seal Beach	Enterococcus, PCBs	Unknown	2019	Impaired Beaches <sup>1</sup>
Agado Creek	Pathogens, Salinity/TDS/Cl-s	UNPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Summit Creek	Nutrients	Construction/Land Development	2008	Impaired Water Bodies/Rivers <sup>1</sup>

Source: State Water Resources Control Board, 2006.

Note: Ag= Silver, Agri.= Agriculture, B= Boron, Benthic= Benthic Community Effects, Cd= Cadmium, Cl= Chloride, Coliform= Coliform bacteria, Cu= Copper, DO= Dissolved Oxygen, DDT= Dichloro-Diphenyl-Trichloroethane, F. Coliform= Fecal Coliform, Fe= Iron, Hg= Mercury, Mn= Manganese, N= Nitrogen, Natural= Natural Source, NH<sub>3</sub>= Ammonia, Ni= Nickel, NPS= Nonpoint Source, PAHs= Polycyclic Aromatic Hydrocarbons, Pb= Lead, PCB= Polychlorinated biphenyls, Ph= Phosphorus, PS= Point Source, sed.= sed., Sed/Silt= Sedimentation/Siltation, T. Coliform= Total Coliform, TDS= Total dissolved solids, tis.= tissue, Unknown= Unknown Source, UNPS= Unknown Nonpoint Source, UPS= Unknown Point Source, Zn= Zinc

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**TABLE D-4  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Agua Hedionda Creek	Mn, Selenium, Sulfates, TDS	Unknown, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Agua Hedionda Lagoon	F. Coliform, Sed/Silt	NPS/PS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
Aliso Creek	F. Coliform, Ph, Toxicity	NPS/PS, UPS, Natural, UNPS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Aliso Creek (mouth)	F. Coliform	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Barrett Lake	Color, Mn, pH	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Buena Creek	DDT, Nitrate and Nitrite, Phosphate	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Buena Vista Creek	Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Buena Vista Lagoon	F. Coliform, Nutrients, Sed/Silt	NPS/PS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
Chollas Creek	Cu, F. Coliform, Pb, Zn	NPS/PS	2004	Impaired Water Bodies/Rivers <sup>1</sup>
Cloverdale Creek	Ph, TDS	UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Cottonwood Creek (San Marcos Creek watershed)	DDT, Ph, Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Dana Point Harbor	F. Coliform	Marinas and Recreational Boating, UNPS, UPS, Natural	2006	Impaired Water Bodies/Rivers <sup>1</sup>
De Luz Creek	Fe, Mn	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-4 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
El Capitan Lake	Color, Mn, pH	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Encinitas Creek	Ph	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
English Canyon	Benzo[b]fluoranthene, Dieldrin, Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Escondido Creek	DDT, Mn, Phosphate, Selenium, Sulfates, TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Famosa Slough and Channel	Eutrophic	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Felicita Creek	Aluminum, TDS	Unknown, Agricultural Return Flows, Flow Regulation/Modification, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Forester Creek	F. Coliform, DO, pH, Ph, TDS	Spills, UNPS, UPS, Natural, Unknown, Habitat Modification, Industrial PSs, Agricultural Return Flows, Flow Regulation/Modification	2005	Impaired Water Bodies/Rivers <sup>1</sup>
Green Valley Creek	Cl-, Mn, Pentachlorophenol (PCP), Sulfates	Unknown, Natural, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Guajome Lake	Eutrophic	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Hodges, Lake	Color, Mn, N, pH, Ph, Turbidity	UNPS, UPS, Natural, Unknown, Agri., Dairies	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Kit Carson Creek	Pentachlorophenol (PCP), TDS	Unknown, Agricultural Return Flows, Flow Regulation/Modification, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-4 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Laguna Canyon Channel	Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Loma Alta Slough	Eutrophic, F. Coliform	NPS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Long Canyon Creek	TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Los Penasquitos Creek	Phosphate, TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Los Penasquitos Lagoon	Sed/Silt	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Loveland Reservoir	Al, Mn, Oxygen, Dissolved, pH	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mission Bay (area at mouth of Rose Ck only)	Eutrophic, Pb	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mission Bay (area at mouth Tecolote Ck only)	Eutrophic, Pb	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Mission Bay Shoreline	F. Coliform	Unknown	2019	Impaired Coastlines <sup>1</sup>
Morena Reservoir	Color, Mn, pH	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Murray Reservoir	pH	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Murrieta Creek	Fe, Mn, N, Ph	Unknown, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Oso Creek (at Mission Viejo Golf Course)	Cl-, Sulfates, TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-4 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Otay Reservoir, Lower	Color, Fe, Mn, N, NH <sub>3</sub> (Total NH <sub>3</sub> ), pH (high)	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Pacific Ocean Shoreline, Aliso HSA	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Buena Vista Creek HA	F. Coliform	NPS/PS	2008	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Dana Point HSA	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Escondido Creek HA	F. Coliform	NPS/PS	2008	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Imperial Beach Pier	PCBs	Unknown	2019	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Laguna Beach HSA	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Loma Alta HA	F. Coliform	NPS/PS	2008	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Lower San Juan HSA	F. Coliform	NPS/PS	2008	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, San Clemente HA	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, San Diego HU	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, San Diequito HU	F. Coliform	NPS/PS	2005	Impaired Coastlines, human impact only <sup>2</sup>
Pacific Ocean Shoreline, San Joaquin Hills HSA	F. Coliform	UNPS, UPS, Natural	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, San Luis Rey HU	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, San Marcos HA	F. Coliform	NPS/PS	2005	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Scripps HA	F. Coliform	NPS/PS	2019	Impaired Coastlines <sup>1</sup>
Pacific Ocean Shoreline, Tijuana HU	F. Coliform	NPS/PS	2010	Impaired Coastlines <sup>1</sup>



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**TABLE D-4 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Pine Valley Creek (Upper)	Enterococcus, Ph, Turbidity	Concentrated Animal Feeding Operations (permitted, PS), Grazing-Related Sources, Transient encampments, Unknown	2010	Impaired Water Bodies/Rivers <sup>1</sup>
Pogi Canyon Creek	DDT	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Prima Deshecha Creek	Ph, Turbidity	UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Rainbow Creek	Fe, Sulfates, TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Reidy Canyon Creek	Ph	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay	PCBs	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, 32nd St San Diego Naval Station	Benthic, Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Americas Cup Harbor	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Bayside Park (J Street)	F. Coliform	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Coronado Cays	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Glorietta Bay	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Harbor Island (East Basin)	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-4 (CONTINUED)  
IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
San Diego Bay Shoreline, at Harbor Island (West Basin)	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, at Marriott Marina	Cu	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, between Sampson and 28th Streets	Cu, Hg, PAHs, PCBs, Zn	NPS/PS	2005	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, Chula Vista Marina	Cu	Unknown	2019	Impaired Coastlines <sup>1</sup>
San Diego Bay Shoreline, Downtown Anchorage	Benthic, Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, G Street Pier	F. Coliform	UNPS, UPS, Natural	2006	Impaired Coastlines <sup>1</sup>
San Diego Bay Shoreline, near Chollas Creek	Benthic, Sed. Toxicity	NPS/PS	2006	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, near Coronado Bridge	Benthic, Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, near sub base	Benthic, Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, near Switzer Creek	Chlordane, Lindane/Hexachlorocyclohexane (HCH), PAHs	Boatyards, NPS/PS, Other, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, North of 24th Street Marine Terminal	Benthic, Sed. Toxicity	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, Seventh Street Channel	Benthic, Sed. Toxicity	NPS/PS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego Bay Shoreline, Shelter Island Shoreline Park	F. Coliform	UNPS, UPS	2006	Impaired Beaches <sup>1</sup>

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**TABLE D-4 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
San Diego Bay Shoreline, Vicinity of B St and Broadway Piers	Benthic, F. Coliform, Sed. Toxicity	NPS/PS, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Diego River (Lower)	F. Coliform, Low DO, Ph, TDS	NPS/PS, Natural, Wastewater, UNPS, UPS, Flow Regulation/Modification, Natural	2005	Impaired Water Bodies/Rivers <sup>1</sup>
San Elijo Lagoon	Eutrophic, F. Coliform, Sed/Silt	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Juan Creek	DDE, F. Coliform	Unknown, NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Juan Creek (mouth)	F. Coliform	NPS/PS	2008	Impaired Water Bodies/Rivers <sup>1</sup>
San Luis Rey River	Cl-, TDS	UNPS, UPS, Natural, Agri.-storm runoff, Flow Regulation/Modification, Golf course activities, Industrial PSs, Natural, Surface Mining	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Marcos Creek	DDE, Ph, Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Marcos Lake	NH3, Nutrients, Ph	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
San Vicente Reservoir	Cl-, Color, Mn, pH (high), Sulfates	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sandia Creek	Fe, Mn, N, Sulfates, TDS	Unknown, Flow Regulation/Modification, Natural, UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Margarita Lagoon	Eutrophic	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Santa Margarita River (Upper)	Ph	UNPS, UPS, Natural	2019	Impaired Water Bodies/Rivers <sup>1</sup>

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**TABLE D-4 (CONTINUED)**  
**IMPAIRED WATER BODIES IN RWQCB REGION 9 (SAN DIEGO)**

Name	Pollutant/Stressor	Source	TMDL Status	Map Category
Segunda Deshecha Creek	Ph, Turbidity	UNPS, UPS, Natural, Channelization, Construction/Land Development, Flow Regulation/Modification	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Soledad Canyon	Sed. Toxicity	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sutherland Reservoir	Color, Mn, pH	UNPS, UPS, Natural, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Sweetwater Reservoir	Oxygen, Dissolved	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Tecolote Creek	Cd, Cu, F. Coliform, Pb, Ph, Toxicity, Turbidity, Zn	NPS/PS, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Temecula Creek	N, Ph, TDS	Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Tijuana River	Eutrophic, F. Coliform, Low DO, Pesticides, Solids, Synthetic Organics, Trace Elements, Trash	NPS/PS	2019	Impaired Water Bodies/Rivers <sup>1</sup>
Tijuana River Estuary	Eutrophic, F. Coliform, Pb, Low DO, Low DO, Ni, Pesticides, Thallium, Trash, Turbidity	NPS/PS, UNPS, UPS, Natural, Wastewater, Unknown	2019	Impaired Water Bodies/Rivers <sup>1</sup>

Source: State Water Resources Control Board, 2006.

Note: Ag= Silver, Agri.= Agriculture, B= Boron, Benthic= Benthic Community Effects, Cd= Cadmium, Cl= Chloride, Coliform= Coliform bacteria, Cu= Copper, DO= Dissolved Oxygen, DDT= Dichloro-Diphenyl-Trichloroethane, F. Coliform= Fecal Coliform, Fe= Iron, Hg= Mercury, Mn= Manganese, N= Nitrogen, Natural= Natural Source, NH<sub>3</sub>= Ammonia, Ni= Nickel, NPS= Nonpoint Source, PAHs= Polycyclic Aromatic Hydrocarbons, Pb= Lead, PCB= Polychlorinated biphenyls, Ph= Phosphorus, PS= Point Source, sed.= sed., Sed/Silt= Sedimentation/Siltation, T. Coliform= Total Coliform, TDS= Total dissolved solids, tis.= tissue, Unknown= Unknown Source, UNPS= Unknown Nonpoint Source, UPS= Unknown Point Source, Zn= Zinc

<sup>1</sup> Contains any 303(d) listed pollutant, but must not be limited to those associated with human health concerns.

<sup>2</sup> Contains only 303(d) listed pollutants known to affect humans through recreational contact. These impairments include pathogens and other bacterial strains.